

ONKYO®

Audio/Video Products 2017-2018



YOUR HOME.
YOUR MUSIC.
NO LIMITS.

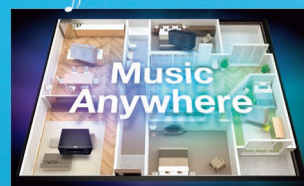


www.intl.onkyo.com



MULTI-ROOM MUSIC FOR EVERY LIFESTYLE.

Products displaying the Next Generation Network Audio logo support Chromecast built-in, DTS Play-Fi®, and FlareConnect™ network multi-room technology. Spotify, TIDAL, TuneIn, and Deezer are fully integrated. Use smartphone and tablet applications for intuitive multi-zone playback management and enjoy music without boundaries.



Hear Every Detail. Feel Every Emotion.

Onkyo's philosophy for delivering wholly immersive entertainment focuses not on theoretical performance, but on how the sound feels in real life. Our approach to amplification achieves natural transient response to express the energy in music, confidently driving any speaker system with full-bandwidth signals untainted by digital noise. Whether enjoying vinyl or an object-mixed film soundtrack, be transported into the world created by musician and director. Expect transcendence without caveat or compromise from a selection of products built by professionals who live for great sound.



Onkyo Controller for Phone and Tablet

Onkyo Controller for iPhone, iPad, and Android™ devices has an easy-to-use interface navigated with familiar gestures. It's simple to control your component, select music, and manage playback in multiple zones at the same time.



Onkyo Controller for iOS/Android™

Ready for DTS Play-Fi®¹ Multi-room Audio

DTS Play-Fi allows you to enjoy high-quality music from connected online services, such as Amazon Music², as well as networked media servers and your device library over Wi-Fi® to any number of compatible products using the Onkyo Music Control App available for iPad, iPhone, and Android phones/tablets. DTS Play-Fi automatically synchronizes the music in every room throughout your house. Each member of your family can use their smartphone or tablet to listen to their own music in their own room or groups of rooms in your home.

¹ Requires firmware update. ² Availability of service depends on region.



More information: www.play-fi.com



Amazon, Amazon Music, and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

Supports Chromecast built-in and Google Assistant*

Enjoy any music you want with Chromecast built-in audio streaming. Play from supported applications for iPhone, iPad, Android phone and tablet, Mac and Windows laptop, and Chromebook on compatible audio systems. Control with your voice in conjunction with speakers featuring the Google Assistant.

* Availability of service depends on region.



More information:
www.google.com/chromecast/built-in



More information:
<https://assistant.google.com/>

Visit Special Site for
Next Generation Network Audio



Mirror Network and Analog Audio

FlareConnect multi-room technology lets you mirror network and analog* audio sources connected to a master component to Onkyo NCP-302 speakers over Wi-Fi or wired LAN. Play network audio, CDs, and vinyl records simultaneously in multiple rooms with playback management and speaker grouping enabled via the Onkyo Controller app.

* Analog audio transmission requires a future firmware update. Transmission rates of 44.1 kHz and 48 kHz are supported.



Dynamic Audio Amplification



High Current Architecture

To generate high current needed to precisely control speaker drivers—so they can react instantly to dynamic signal changes and articulate nuanced detail—Onkyo fabricates its own custom high-output transformers and capacitors.



Non-Phase-Shift Amplifiers

Original amp circuitry ensures that sounds of different frequencies arrive at your ears at exactly the same time. Accurate phase alignment means comfortable, well-focused sound across a holographic soundstage.



Patented VLSC™ Processing

Vector Linear Shaping Circuitry (VLSC) completely erases high-frequency noise generated by the DAC. Audible sound is unblemished by digital noise. The result is incredible clarity of detail.

RZ Series: What's the Difference?

The RZ Series offers a step up in performance for enthusiasts demanding audiophile sound. Design elements such as separated circuitry, expanded connectivity, and upgraded parts contribute to full-scale reproduction to 5 Hz with fathomless driving power at theater reference volume.



A/V RECEIVERS
AND CONTROLLERS

PR-RZ5100

11.2-Channel Network A/V Controller

BLACK



TX-RZ3100

11.2-Channel Network A/V Receiver

BLACK SILVER



Dynamic Audio Amplification



Select2™ Plus
320 W/Ch (6 Ω, 1 kHz, 10%, 1 Channel Driven, JEITA)
200 W/Ch (6 Ω, 1 kHz, 1%, IEC)

11.2
11.2 Multichannel

✓*1*2

✓

✓

✓

✓

✓

✓

✓

7 + 1 (Front) / 1 / 1

✓

✓

Powered Zone 2, Powered Zone 3, Zone 2 Pre/Line Out,
Zone 3 Pre/Line Out

✓

435 x 201 x 453 mm

19.7 kg

• Custom Capacitors and Transformer for Hi-Current Ultra-Low-Frequency Reproduction • Custom Non-Phase-Shift Amplifier Circuitry • Bi-Amping Capability for Front Channels • DTS Neural:X™ Upmixes Standard 5.1 and 7.1 Formats to 3D Sound • 7 Analog and 5 Digital Audio Inputs • Rear USB for Music Playback • Component Video Switching (2 Inputs and 1 Output) • Transparent High-Grade Speaker Posts • Tone Controls for All Channels • Pure Audio and Pure Direct Modes • HDMI Supports 4:4:4 Color Space and 21:9 Cinema Aspect • Overlaid On-Screen Display via HDMI • Whole House Mode Function • 40 AM/FM Random Presets • Assignable 12 V Trigger Out and RS 232 Terminal • Simple Remote Control

HDCP2.2 4KHDR Wi-Fi Bluetooth Spotify

TIDAL DEEZER +tunein LSC 384kHz/24bit DSD

AccuEQ ROOM CALIBRATION DOLBY VISION ((HDMI)) ((HDMI 3))

• Customized and Shielded Low-Hum Transformer and Separate Transformer for Standby • Custom Capacitors • DTS Neural:X™ Upmixes Standard 5.1 and 7.1 Formats to 3D Sound • Multiple 32-bit Digital Signal Processing Engines • 7 Analog and 5 Digital Audio Inputs • Rear USB for Music Playback • Component Video Switching (2 Inputs and 1 Output) • Pure Audio and Pure Direct Modes • HDMI Supports 4:4:4 Color Space and 21:9 Cinema Aspect • Overlaid On-Screen Display via HDMI • Whole House Mode Function • 40 AM/FM Random Presets • Tone Controls for All Channels • Assignable 12 V Trigger Out and RS 232 Terminal • Simple Remote Control

HDCP2.2 4KHDR Wi-Fi Bluetooth Spotify

TIDAL DEEZER +tunein LSC 384kHz/24bit DSD

AccuEQ ROOM CALIBRATION DOLBY VISION ((HDMI)) ((HDMI 3))

TX-RZ1100

9.2-Channel Network A/V Receiver

BLACK SILVER



TX-RZ820

7.2-Channel Network A/V Receiver

BLACK SILVER



Select2™ Plus

320 W/Ch (6 Ω, 1 kHz, 10%, 1 Channel Driven, JEITA)
200 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)

9.2

11.2 Multichannel

✓*1*2

✓

✓

✓

✓

✓

Dolby Atmos®, DTS:X®, Dolby Surround, DTS Neural:X™

✓

✓

✓

✓

✓

✓

✓

7 + 1 (Front) / 1 / 1

✓

✓

Powered Zone 2, Powered Zone 3, Zone 2 Pre/Line Out,
Zone 3 Pre/Line Out

✓

435 x 201 x 453 mm

19.7 kg

Certified Select™

180 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)

7.2

7.2 Multichannel

✓*3

✓

✓

✓

Dolby Atmos®, DTS:X®, Dolby Surround, DTS Neural:X™

✓

✓

✓

✓

✓

✓

✓

6 + 1 (Front) / 1 / 1

✓

✓

Powered Zone 2, Zone 2 Pre/Line Out,
Zone 3 Pre/Line Out

✓

435 x 201.5 x 395 mm

14.0 kg

- Custom Capacitors and Transformer for Hi-Current Ultra-Low-Frequency Reproduction
- Custom Non-Phase-Shift Amplifier Circuitry
- Bi-Amping Capability for Front Channels
- DTS Neural:X™ Upmixes Standard 5.1 and 7.1 Formats to 3D Sound
- 7 Analog and 5 Digital Audio Inputs
- Rear USB for Music Playback
- Component Video Switching (2 Inputs and 1 Output)
- Banana-plug-compatible Speaker Posts
- Tone Controls for All Channels
- HDMI Supports 4:4:4 Color Space and 21:9 Cinema Aspect
- Overlaid On-Screen Display via HDMI
- Whole House Mode Function
- 40 AM/FM Random Presets
- Assignable 12 V Trigger Out and RS 232 Terminal
- Simple Remote Control

HDCP2.2 4K HDR Wi-Fi Bluetooth Spotify

TIDAL DEEZER +tunein VLSC 384 kHz DSD



- Large Custom Capacitors to Provide High Instantaneous Current
- Dynamic Audio Amplification System with 5 Hz–100 kHz Frequency Response
- Non-Phase-Shift Amplification Circuitry for Clarity and Detail
- Bi-Amping Capability for Front Channels
- 6 Analog and 3 Digital Audio Inputs
- Rear USB for Music Playback
- Component Video Switching (2 Inputs)
- Front L/R Tone Controls (Bass/Treble) and Independent Zone 2/3 Tone, Balance, and Volume Controls
- 40 AM/FM Random Presets
- 12 V Trigger Out IR Input, and RS 232 Terminal
- LAN Input with IP Control
- Simple Remote Control

HDCP2.2 4K HDR Wi-Fi Bluetooth Spotify

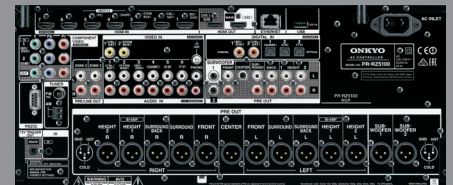
TIDAL DEEZER +tunein VLSC 384 kHz DSD



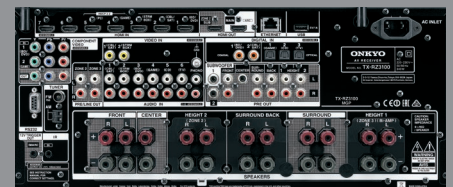
FRONT OPEN AND REAR PANEL

Use QR Code to view full specs.

PR-RZ5100



TX-RZ3100



TX-RZ1100



TX-RZ820



A/V RECEIVERS

TX-RZ720

7.2-Channel Network A/V Receiver

BLACK SILVER

NEW
for 2017



TX-NR676E

7.2-Channel Network A/V Receiver

BLACK SILVER

NEW
for 2017



THX® Certified

Power Output (W/Ch)

Amplifier Channels

Pre Out Channels

HDMI® 4K/60 Hz, HDCP 2.2, Dolby Vision™, HDR10, BT.2020

Dynamic Audio Amplification

FlareConnect™ Multi-room Wireless Technology

VLSC™ Noise-free Signal Processing

4 Ω Speaker Driving

High-Quality 384 kHz/32-bit Audio DAC

Surround Sound Technologies

AccuEQ Room Calibration with AccuReflex Technology

Chromecast built-in, DTS Play-Fi®, AirPlay®, Wi-Fi®

Streaming via Bluetooth® Technology

Internet Radio and Music Streaming*3

192 kHz/24-bit PCM and DSD 5.6 MHz Playback

Music Optimizer Also for Bluetooth Audio

Music Streaming and Control App

HDMI Inputs / Output / Zone 2 Output

USB Audio Playback from Flash Memory

Phono Input

Multi-Zone Playback

HDMI Passthrough on Standby

Dimensions (W x H x D)

Weight

Others

Certified Select™

175 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)

7.2

0.2

✓*1

✓

✓

✓

✓

✓

✓

Dolby Atmos®, DTS:X®, Dolby Surround, DTS Neural:X™

✓

✓

✓

✓

✓

✓

✓

6 + 1 (Front) / 1 / 1

✓

✓

Powered Zone 2, Zone 2 Pre/Line Out

✓

435 x 177 x 378 mm

10.5 kg

- Large Custom Capacitors to Provide High Instantaneous Current
- Dynamic Audio Amplification System with 5 Hz–100 kHz Frequency Response
- Non-Phase-Shift Amplification Circuitry
- Bi-Amping Capability for Front Channels
- 7 Analog and 3 Digital Audio Inputs
- Rear USB for Music Playback
- Component Video Switching (2 Inputs)
- Front L/R Tone Controls (Bass/Treble) and Independent Zone 2 Tone/Balance Controls
- Overlaid On-Screen Display via HDMI
- 40 AM/FM Random Presets
- 12 V Trigger Out IR Input, and RS 232 Terminal
- LAN Input with IP Control
- Simple Remote Control

HDCP2.2

4KHDR

WiFi

Bluetooth

Spotify

TIDAL

DEEZER

+tunein

VLSC

384kHz/32bit

DSD

AccuEQ

DOLBY VISION

THX

165 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)

7.2

0.2

✓*2

✓

✓

✓

✓

✓

Dolby Atmos®, DTS:X®, Dolby Surround, DTS Neural:X™

✓

✓

✓

✓

✓

✓

✓

6 + 1 (Front) / 1

✓

✓

Powered Zone 2, Zone 2 Line Out

✓

435 x 173.5 x 378 mm

10.0 kg

- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- Dynamic Audio Amplification with 4 Ω Speaker-driving Capability
- Non-Phase-Shift Amplification Circuitry for Clarity and Detail
- Discrete Output Stage Circuitry for Low Distortion
- PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology for S/PDIF Audio
- 7 Analog Audio Inputs and 3 Digital Audio Inputs
- Bi-Amping Capability for Front Channels
- Theater-Dimensional Virtual Surround Function
- 40 AM/FM Random Presets
- Simple Remote Control

HDCP2.2

4KHDR

WiFi

Bluetooth

Spotify

TIDAL

DEEZER

+tunein

VLSC

384kHz/32bit

DSD

AccuEQ

DOLBY VISION

THX

TX-NR575E

7.2-Channel Network A/V Receiver



135 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	
	7.2
	0.2
	✓
	✓
	✓
	✓
	✓
	✓
Dolby Atmos®, DTS:X®, Dolby Surround, DTS Neural:X™	✓
	✓
	✓
	✓
	✓
	✓
	4/1
	✓
	✓
Powered Zone 2, Zone 2 Line Out	
	✓
435 x 173.5 x 328.5 mm	
9.0 kg	

- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- Dynamic Audio Amplification with 4 Ω Speaker-driving Capability
- Non-Phase-Shift Amplification Circuitry for Clarity and Detail
- Discrete Output Stage Circuitry for Low Distortion
- PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology for S/PDIF Audio
- 7 Analog Audio Inputs and 3 Digital Audio Inputs
- Bi-Amping Capability for Front Channels
- Theater-Dimensional Virtual Surround Function
- 40 AM/FM Random Presets
- Simple Remote Control



TX-NR474

5.1-Channel Network A/V Receiver



135 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	
	5.1
	0.1
	✓
	✓
	✓
	✓
Dolby Atmos®*4, DTS:X®, Dolby Surround, DTS Neural:X™	✓
	✓
	✓
	✓
	✓
	✓
	4/1
	✓
Zone B Output	
	✓
435 x 160 x 328 mm	
8.6 kg	

- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- High Current Power to Drive Larger Speakers with 4 Ω Resistance
- Discrete Output Stage Circuitry
- Surround Enhancer Mode Replicates 5.1.2-Channel Dolby Atmos Playback with Virtual Surround-field Creation
- 480i De-interlacing (480i to 480p) via HDMI
- Theater-Dimensional Virtual Surround Function
- 3 Analog Audio Inputs and 3 Digital Audio Inputs
- 40 AM/FM Random Presets
- Easy Connection Diagram on Rear Panel
- Simple Remote Control



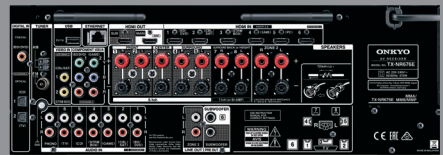
REAR PANEL

Use QR Code to view full specs.

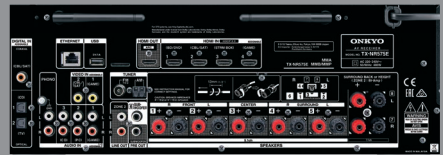
TX-RZ720



TX-NR676E



TX-NR575E



TX-NR474





5.1-Channel A/V Receiver

- 140 W/Ch (6 Ω , 1 kHz, 1%, 1 Channel Driven) Discrete Analog Amplification with Hi-Current Power Supply
- Dolby® TrueHD and DTS-HD Master Audio™ Decoding
- HDMI® 4 In / 1 Out 4K/60 Hz, HDR, HDCP 2.2 Pass-through
- AccuEQ Speaker Calibration System
- Bluetooth® with Music Optimizer Technology, FM/RDS Tuner, and USB Audio Playback
- Composite Video 2 In/1 Out, Digital Audio 2 In, Analog Audio 3 In
- Easy-Setup Rear Panel with Connection Guide



Microphone for AccuEO



5.1-Channel A/V Receiver



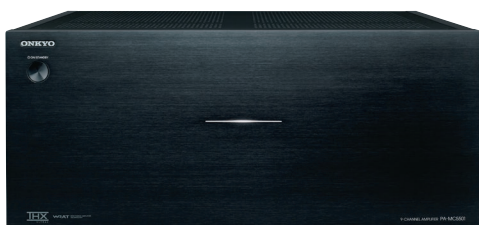
- 120 W/Ch (6 Ω , 1 kHz, 1 Channel Driven, JEITA) Discrete Analog Amplification with Hi-Curent Power Supply
- 5.1-Ch Dolby TrueHD and DTS-HD Master Audio Decoding
- HDMI 4 In / 1 Out 4K/60 Hz, 4:4:4 Color Space, HDCP 2.2 Pass-through
- AM and FM/RDS Radio Tuners with 30-station Preset
- USB Audio Input for AAC/MP3 Audio
- Composite Video 2 In/1 Out, Digital Audio 2 In, Analog Audio 3 In
- Easy-Setup Rear Panel. HDMI Pass-through, and A/V Sync Control



9-Channel Amplifier



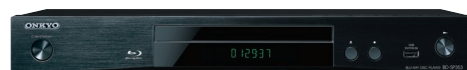
- 280 W x 9 Channels (6 Ω , 1 kHz, 1%, 1 Channel Driven, JEITA)
- THX® Ultra2™ Certified Multichannel Reference Theater Performance
- Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry
- Massive Custom Toroidal Transformer
- Two Custom 22,000 μ F Capacitors for Effective Power Supply
- Large Custom-fabricated Power Transistors
- Flat and Rigid Anti-Resonant Chassis
- Gold-Plated XLR Inputs and Speaker Posts



Blu-ray Disc Player



- HDMI Output Supports 1080p, Deep Color™, xv.Color™ and CEC
 - Supports Dolby TrueHD and DTS-HD Master Audio™ Essential
 - 1080/24p Video Output for Full HD Movies on Blu-ray Discs and 1080p Video Upscaling
 - Plays AVCHD®, DivX Plus™ HD (MKV), MP3, and JPEG Formats
 - USB Port for Hi-Res Audio Playback (192 kHz/24-bit WAV, FLAC)
 - BD-Live Functionality for Interactive Content
 - Optical Digital Audio Output
 - Firmware Updates via USB
- * Encoded on DVD-R/RW only.



OUT OF THIS WORLD SOUND



HT-S9800THX

7.1-Channel Network A/V Receiver / Speaker Package



HT-R997 7.2-Channel Network A/V Receiver

- THX® Integrated System Certified with 165 W/Ch Dynamic Audio Amplification, Non-Phase-Shift Circuitry, VLSC™ (FU/FR), and AKM 384 kHz/32-bit DAC • 5.2.2-Ch Dolby Atmos®, DTS:X®, DTS Neural:X™, Dolby® Surround • HDMI® 7 In, 2 Out, 4K/60p, Dolby Vision™, HLG, HDR10, BT.2020, HDCP 2.2 Pass-through • Chromecast built-in, AirPlay, DTS Play-Fi®, FlareConnect™ Multi-room Audio, 5 GHz/2.4 GHz Wi-Fi®, Onkyo Controller, and Bluetooth® • AccuEQ with AccuReflex for Dolby Atmos-enabled Speakers • Powered Zone 2 Multi-room Network/S/PDIF/Analog Audio via Dedicated DAC, Zone 2 Line Out • WHD: 435 x 173.5 x 378 mm • 10.0 kg

HTP-993 7.1-Channel Home Theater Speaker System

- SKF-980 2-Way Acoustic-Suspension Front Speakers • WHD: 158 x 433 x 199 mm • 5.3 kg
- SKC-980 2-Way Acoustic-Suspension Center Speaker • WHD: 433 x 158 x 199 mm • 5.3 kg
- SKR-980/SKB-980 2-Way Acoustic-Suspension Surround/Surround Back Speakers • WHD: 200 x 275 x 169 mm • 3.5 kg
- SKW-938 Acoustic-Suspension Powered Subwoofer • WHD: 380 x 444 x 429 mm • 15.5 kg

CERTIFIED BY



HDCP2.2

4KHDR

WiFi

Bluetooth

Spotify

TIDAL

DEEZER

+tunein

VLSC

384kHz/32bit

DSD

AccuEQ

HT-S7805

5.1.2-Channel Dolby Atmos® Network Home Theater Package



HT-R695 7.2-Channel Network A/V Receiver

- 175 W/Ch (6 Ω, 1 kHz, 10%, 1 Channel Driven, JEITA) Dynamic Audio Amplification, Non-Phase-Shift Circuitry, and AKM 384 kHz/32-bit DAC • 5.1.2-Ch Dolby Atmos, DTS:X, DTS Neural:X, AccuEQ with AccuReflex for Dolby Atmos-enabled Speakers • HDMI 8 In, 2 Out, 4K/60p, HDR, 4:4:4 Color Space, HDCP 2.2 Pass-through • Chromecast built-in, AirPlay, DTS Play-Fi, FlareConnect Multi-room Audio, 5 GHz/2.4 GHz Wi-Fi, Onkyo Controller, and Bluetooth • AccuEQ with AccuReflex • Powered Zone 2 Multi-room Network/Analog Audio, Zone 2 Line Out • WHD: 435 x 173.5 x 378 mm • 10.0 kg

HTP-678 5.1.2-Channel Home Theater Speaker System

- SKF-693 Dolby Atmos-enabled 2-Way Bass Reflex Front Speakers/Full-Range Acoustic-Suspension Height Speakers • WHD: 155 x 467 x 183 mm • 3.6 kg
- SKC-591N 2-Way Bass Reflex Center Speaker • WHD: 420 x 115 x 119 mm • 2.4 kg
- SKR-590 Full-Range Acoustic-Suspension Surround Speakers • WHD: 115 x 230 x 96 mm • 1.0 kg
- SKW-658 Bass Reflex Powered Subwoofer • WHD: 230 x 425 x 410 mm • 7.7 kg



HDCP2.2

WiFi

Bluetooth

Spotify

TIDAL

DEEZER

+tunein

Dynamic Audio Amplification

384kHz/32bit

DSD

AccuEQ

USB

ECO

CHP

ECO

HT-S5805

5.1.2-Channel Dolby Atmos® Home Theater Package



HT-R494 7.1-Channel A/V Receiver

- 100 W/Ch (6 Ω, 1 kHz, 10%, 1 Channel Driven, JEITA) Discrete Analog Amplification with Hi-Current Power Supply • 5.1.2-Ch Dolby Atmos Object-based Audio Reproduction • HDMI 4 In, Main Out, 4K/60 Hz, HDR, 4:4:4 Color Space, HDCP 2.2 Pass-through • AccuEQ Speaker Calibration System • Bluetooth with Music Optimizer Technology • STRM Port (Rear) for Powering Media Streaming Sticks • Composite Video 3 In, Digital Audio 3 In, Analog Audio 7 In • WHD: 435 x 160 x 328 mm • 8.0 kg

HTP-588 5.1.2-Channel Home Theater Speaker System

- SKF-594 2-Way Bass Reflex Front Speakers/Full-Range Acoustic-Suspension Height Speakers • WHD: 155 x 467 x 183 mm • 3.6 kg
- SKC-594 2-Way Bass Reflex Center Speaker • WHD: 409 x 115 x 121 mm • 2.2 kg
- SKR-594 Full-Range Acoustic-Suspension Surround Speakers • WHD: 115 x 230 x 96 mm • 1.0 kg
- SKW-658 Bass Reflex Powered Subwoofer • WHD: 230 x 425 x 410 mm • 7.7 kg

HT-S3800

5.1-Channel Home Theater Package



HT-R395 5.1-Channel Home Theater Receiver

- 100 W/Ch (6 Ω, 1 kHz, 0.7%, 1 Channel Driven) Discrete Analog Amplification with Hi-Current Power Supply • Dolby® TrueHD and DTS-HD Master Audio™ Decoding • HDMI 4 In, Main Out, 4K/60 Hz, HDR, 4:4:4 Color Space, HDCP 2.2 Pass-through • Bluetooth with Music Optimizer Technology, AM/FM Tuner, and USB Audio • Composite Video 2 In/1 Out, Digital Audio 2 In, Analog Audio 3 In • Easy-Setup Rear Panel • WHD: 435 x 168 x 326.5 mm • 7.7 kg

HTP-395 5.1-Channel Home Theater Speaker System

- SKF-395 Full-Range Acoustic-Suspension Front Speakers • WHD: 100 x 140 x 95 mm • 0.6 kg
- SKC-395 Full-Range Acoustic-Suspension Center Speaker • WHD: 240 x 95 x 95 mm • 0.7 kg
- SKR-395 Full-Range Acoustic-Suspension Surround Speakers • WHD: 100 x 140 x 95 mm • 0.6 kg
- SKW-395 Bass Reflex Subwoofer • WHD: 230 x 418 x 358 mm • 5.3 kg



HDCP2.2

Bluetooth

WAT

TOCH

FM/BASS

AccuEQ

ECO

DOLBY

ECO

HDCP2.2

Bluetooth

TOCH

USB

Note: 6G Video features and HDCP 2.2 are supported on select HDMI inputs and outputs depending on the model. Please see full specification on Onkyo website for more details. HT-S9800THX supports Bluetooth Version 4.1 +LE (A2DP v1.2, AVRCP v1.3). Other models support Bluetooth Version 2.1 +EDR (A2DP v1.2, AVRCP v1.3). All speakers feature an impedance of 8 Ω, color-coded speaker terminals and cable, and wall-mounting capability (excluding subwoofers). Please check App Store or Google Play for minimum device requirements for Onkyo Controller app.

TECHNOLOGY KEY



DTS:X® is an object-based audio format that places sound where it would occur naturally in space, creating the most lifelike multi-dimensional audio experience ever. DTS:X adapts to practically any home-theater speaker layout, so you have the freedom to choose what fits best in your home.



Dolby Atmos® sound is mixed in a virtual multidimensional space. Effects are free to move from channel to channel around the listener, adapting to any speaker layout (including 3.1.2-channel configuration on select 5.1-channel receivers) that feature height or Dolby Atmos-enabled speakers. Dolby Surround on selected models upmixes legacy formats for convincing 3D playback in a Dolby Atmos-enabled environment.

DTS Neural:X

DTS Neural:X™ is an upmixing solution built into DTS:X. It identifies spatial cues within multichannel and PCM audio and enables near-native 3D playback through speaker systems set up for object-based audio.



High dynamic Range (HDR) significantly expands video's peak brightness, providing higher contrast for reproduction approaching that of human vision. Selected products support 4KHDR video on optical disc and streaming media services.



Dolby Vision™ is an HDR technology that enhances the brightness, color, and contrast of each pixel. It's capable of supporting color depths of up to 12 bits, a maximum 10,000 nits of brightness, and BT.2020 color gamut. The technology optimizes color, contrast, and brightness scene-by-scene for dynamic and immersive display.



THX® certified products deliver the same high volume and low distortion levels experienced in a commercial theater in your home. Components must pass exhaustive bench-tests covering every aspect of performance to gain THX certification.



Next Generation Network Audio encompasses original multi-room distribution, the latest audio streaming platforms, streaming services, and the Onkyo Controller application, supported over 5 GHz/2.4 GHz Wi-Fi®.



FlareConnect™ wirelessly mirrors network audio (firmware update required) and analog audio (future firmware update required) from a master component to Onkyo NCP-302 speakers. Listen to a CD, LP record, or streaming music simultaneously all over your home with playback management via Onkyo Controller.

Note: Please visit Onkyo website for firmware update information.



Built-in Wi-Fi on selected products automatically selects the 5 GHz band to avoid network traffic and radio interference. The result is a very fast and stable connection for streaming audio, even where range boosters are used.



Stream music from smartphone, laptop, or PC to supported receivers with ease. Control playback from Chromecast-enabled apps you know and love from your iPhone, iPad, Android™ phone or tablet, Mac or Windows® laptop, or Chromebook™.



Use your voice to control Onkyo components featuring Chromecast built-in with speakers supporting the Google Assistant®. You can power up and play from select network services on any compatible system without lifting a finger.

** Availability of service depends on region.*



DTS Play-Fi® is a premium whole-house wireless audio technology featuring high-quality audio transmission and whole-house synchronization over standard Wi-Fi networks. Listen to music from online services such as Amazon Music, networked media servers, or your device library via the Onkyo Music Control App for iPad, iPhone, and Android phones/tablets in all and rooms of your home.

** Requires firmware update.*



With Amazon Music, stream millions of songs, listen to the music you've purchased from Amazon, and find more of the music you love. *Note: Availability of service depends on region.*



Enjoy easy access to your iTunes music library and Apple Music through supported Onkyo components with AirPlay. Song information and album art can be simultaneously displayed on a connected monitor or TV.



With Bluetooth® technology featured on selected products, you can stream virtually any audio playing on your mobile device or PC. On selected products, Auto Connect and wake-on-signal gets music happening fast.



Network receivers incorporate access to millions of songs via the Spotify music streaming service. Use the Spotify app to cast direct to the component with uninterrupted playback, or use Onkyo Controller to explore and play content.



TIDAL is a music subscription service currently offering two plans—TIDAL Premium for standard-quality audio and TIDAL HiFi for lossless audio streaming. The service currently offers a library of 400 million songs.



DEEZER offers a library of 35 million on-demand tracks. Users can choose either a free subscription or a paid one without ads. The service makes excellent suggestions for new music based on listening habits.



Selected Onkyo components come with TuneIn, opening the door to internet radio in your home. With over 100,000 stations, you can listen to free broadcasts of music, sports, news, and talk shows from around the world.



Onkyo's approach to amplification reproduces the energy in music without loss. Custom high-current transformers, capacitors, and discrete amplifier circuitry delivers excellent transient response to express the life and emotion in any piece.



Vector Linear Shaping Circuitry (VLSC™) is a patented circuit technology that analyzes the audio signal during digital-to-analog conversion, filtering out high-frequency digital pulse-noise to present a clean and accurate audio image.



Select Onkyo components feature premium audio DACs from AKM. With the latest 32-bit low-distortion filtering technology and excellent S/N performance, the devices help to deliver true-to-life audio reproduction.



Onkyo developed DIDRC Filter to accurately present the full dynamic range of Hi-Res Audio. Despite being inaudible, processing noise has a harmonic impact on the sound you hear. By improving linearity and reducing distortion above 100 kHz, DIDRC Filter presents a flawless high-resolution audio image.



DSD and non-encoded (PCM) 24-bit Hi-Res Audio deliver clear and spacious music reproduction with expanded dynamic range, extended frequency response, and lower noise. Selected products support DSD 2.8/5.6 MHz, Direct DSD 11.2 MHz, and 192/24 in FLAC, WAV, and Apple Lossless.



AccuEQ uses a mic to calibrate your theater system for best performance in your room. It corrects variables such as speaker distance and sound pressure, while the premium version includes standing-wave correction. On object-audio receivers, AccuReflex phase-adjusts Dolby Atmos-enabled speakers for improved cohesion.



Enjoy movies and games at native resolution on your display with pass-through of 4K/60p signals via Onkyo receivers. All models feature 480i de-interlacing. Analog video passes from legacy players to the display over one HDMI cable. All models can play HDCP 2.2 copy-protected video.



Seven-channel receivers feature Powered Zone 2 speaker outputs. Enjoy 5.1-channel surround sound in your theater room and connect speakers in another room for Zone 2 stereo playback. Selected RZ Series models include Powered Zone 3 outputs and dedicated DACs for three-room entertainment.

SKF-4800

Front Speakers

BLACK

- 16 cm Cone Woofer x 2
- 2.5 cm Soft-Dome Tweeter
- Banana-plug-compatible Speaker Posts
- Woofer Equalizer Enables Fast and Accurate Response
- MDF Stabilizer Minimizes Vibration
- Stylish Floorstanding Design
- Impedance: 6 Ω
- Max. Input Power: 130 W
- Frequency Response: 55 Hz–35 kHz
- WHD: 295 x 1,024 x 305 mm
- 13.0 kg



SKS-4800

Center/Surround Speaker Package

BLACK



SKC-4800 2-Way Bass Reflex Center Speaker

- 8 cm Cone Woofer x 2
- 2.5 cm Balanced-Dome Tweeter
- Magnetically Shielded
- Impedance: 6 Ω
- Max. Input Power: 130 W
- Frequency Response: 65 Hz–50 kHz
- WHD: 372 x 125 x 110 mm
- 2.3 kg

SKR-4800

Full-Range Acoustic-Suspension Surround Speakers

- 8 cm Cone
- Wall-mounting Capability
- Impedance: 6 Ω
- Max. Input Power: 60 W
- Frequency Response: 80 Hz–18 kHz
- WHD: 117 x 180 x 100 mm
- 0.9 kg

SKW-208

Bass Reflex Powered Subwoofer



- Rated Output Power: 120 W Minimum Continuous Power (4 Ω , 100 Hz, Maximum 1%)
- 25 cm Cone
- Adjustable Crossover Frequency (50 Hz–200 Hz)
- Phase Switch (0° or 180°)
- Output Level Control
- Line Input
- Frequency Response: 25 Hz–200 Hz
- WHD: 275 x 507 x 411 mm
- 11.6 kg

BLACK



SKS-HT978THX

THX®-Certified 5.1-Channel Home Theater Speaker System



BLACK



THX A-OMF

SKF-980 2-Way Acoustic-Suspension Front Speakers

- 12 cm A-OMF Diaphragm Woofer x 2
- 2.5 cm Soft-Dome Tweeter
- WHD: 158 x 433 x 199 mm
- 5.3 kg

SKC-980 2-Way Acoustic-Suspension Center Speaker

- 12 cm A-OMF Diaphragm Woofer x 2
- 2.5 cm Soft-Dome Tweeter
- WHD: 433 x 158 x 199 mm
- 5.3 kg

SKR-980 2-Way Acoustic-Suspension Surround Speakers

- 13 cm A-OMF Diaphragm Woofer
- 2.5 cm Soft-Dome Tweeter
- WHD: 200 x 275 x 169 mm
- 3.5 kg

SKW-938 Acoustic-Suspension Powered Subwoofer

- 30 cm Cone
- Rated Output Power: 125 W (Minimum Continuous Power: 6 Ω , 100 Hz, 1%, IEC)
- WHD: 380 x 444 x 429 mm
- 15.5 kg

All speakers feature an impedance of 8 Ω , maximum input power of 130 W, and wall-mounting capability.

SKS-HT588

Dolby Atmos®-Enabled 5.1.2-Channel Home Theater Speaker System



BLACK



SKF-2800 Dolby Atmos®-Enabled Integrated Front & Height Speakers

- 12 cm Cone Woofer
- 2.5 cm Balanced-Dome Tweeter
- 8 cm Cone (Separately Powered By Height Channel)
- WHD: 155 x 467 x 183 mm
- 3.7 kg

SKC-594 2-Way Bass Reflex Center Speaker

- 8 cm Cone Woofer x 2
- 2.5 cm Balanced-Dome Tweeter
- WHD: 409 x 115 x 121 mm
- 2.2 kg

SKR-594 Full-Range Acoustic-Suspension Surround Speakers

- 8 cm Cone
- WHD: 115 x 230 x 96 mm
- 1.0 kg

SKW-658 Bass Reflex Powered Subwoofer

- 20 cm Cone
- Rated Output Power: 80 W (Minimum Continuous Power: 4 Ω , 100 Hz, 1%, IEC)
- Down-firing
- WHD: 230 x 425 x 410 mm
- 7.7 kg

All speakers feature an impedance of 6 Ω , maximum input power of 130 W, and wall-mounting capability.

SKS-HT728

5.1-Channel Home Theater Speaker System



BLACK

SKF-770 Dual-Drive 2-Way Front Speakers

- 8 cm Cone Woofer x 2
- 2.5 cm Balanced-Dome Tweeter
- WHD: 262 x 1,050 x 262 mm
- 5.2 kg

SKC-770 Dual-Drive 2-Way Center Speaker

- 8 cm Cone Woofer x 2
- 2.5 cm Balanced-Dome Tweeter
- WHD: 430 x 115 x 121 mm
- 2.2 kg

SKR-770 Full-Range Acoustic-Suspension Surround Speakers

- 8 cm Cone
- WHD: 115 x 230 x 96 mm
- 1.0 kg

SKW-770 Bass Reflex Powered Subwoofer

- 25 cm Cone
- Rated Output Power: 120 W (Minimum Continuous Power: 4 Ω , 100 Hz, 1%, IEC)
- Down-firing
- WHD: 275 x 507 x 411 mm
- 11.6 kg

All speakers feature an impedance of 6 Ω , maximum input power of 130 W, and all except front speakers and subwoofer are wall-mountable.

SKS-HT528

5.1-Channel Home Theater Speaker System



BLACK



SKF-528 Full-Range Bass Reflex Front Speakers

- 8 cm Cone Woofer
- Max. Input Power: 120 W
- Gloss-finished
- Magnetically Shielded
- WHD: 101 x 175 x 116 mm
- 0.7 kg

SKC-528 Full-Range Bass Reflex Center Speaker

- 8 cm Cone Woofer
- Max. Input Power: 120 W
- Gloss-finished
- Magnetically Shielded
- WHD: 273 x 101 x 106 mm
- 1.0 kg

SKR-528 Full-Range Bass Reflex Surround Speakers

- 8 cm Cone Woofer
- Max. Input Power: 120 W
- Gloss-finished
- Magnetically Shielded
- WHD: 101 x 175 x 116 mm
- 0.7 kg

SKW-501 Bass Reflex Powered Subwoofer

- 20 cm Cone
- Down-firing
- Rated Output Power: 80 W (Minimum Continuous Power: 4 Ω , 100 Hz, IEC)
- WHD: 230 x 425 x 412 mm
- 9.1 kg

All speakers feature an impedance of 6 Ω and wall-mounting capability.

SKH-410

Dolby Atmos®-Enabled Speaker System

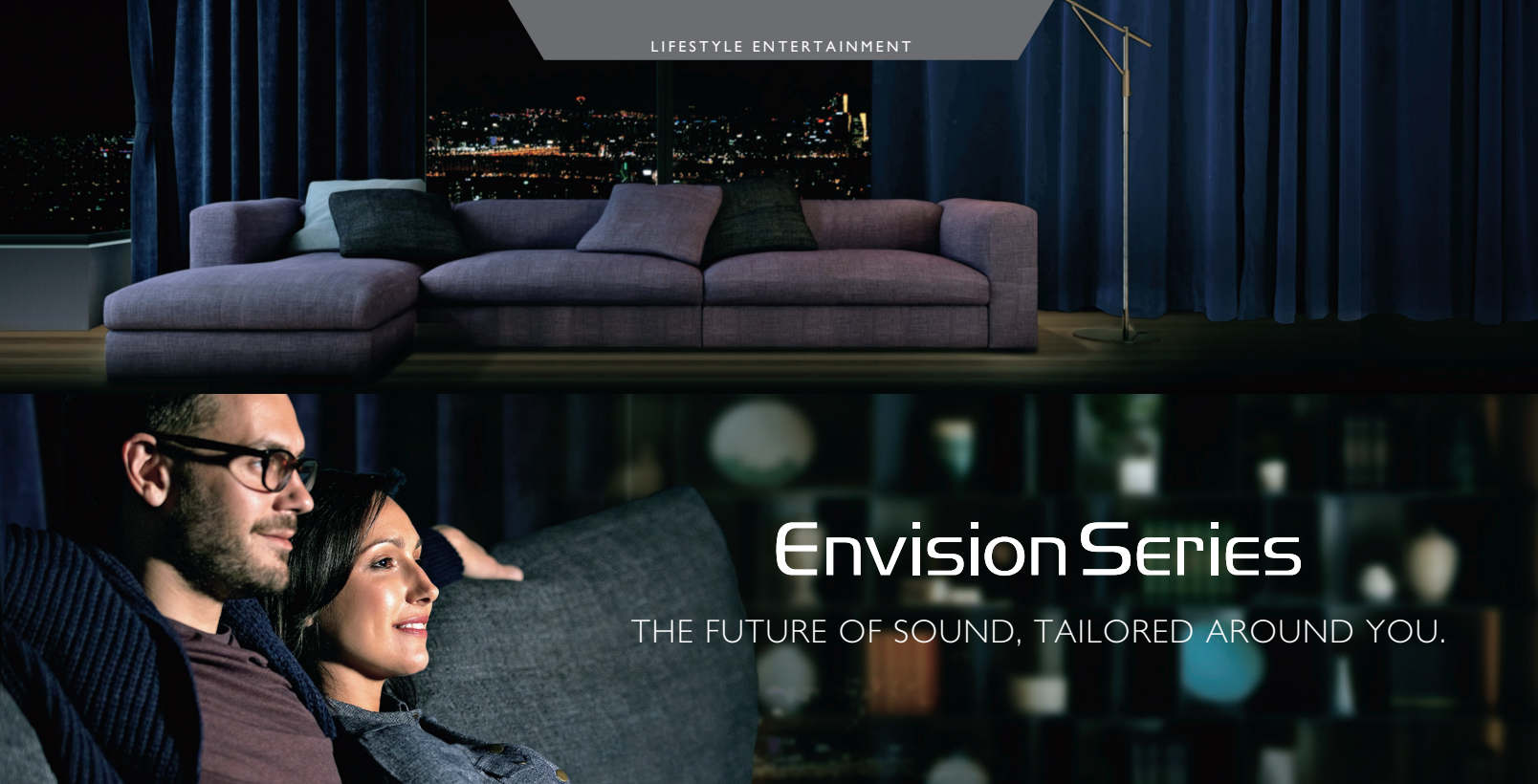


BLACK

- Dolby Atmos-Enabled Speakers with Atmos-Certified Special Network Inside
- Position On Existing Front or Rear Speakers or Wall-mount
- 8 cm Cone Transducer
- Wood Cabinet Construction
- High-Grade Cloth Grilles
- Quality Black Hairline Finish
- Rated Input Power: 25 W
- Maximum Input Power: 100 W
- Includes Rubber Feet, 3 m Speaker Cables (x2), and Wall-mount Kit
- WHD: 120 x 155 x 153 mm
- 1.2 kg



Dolby Atmos-enabled SKH-410 speakers in a 7.1.2-channel home theater



Envision Series

THE FUTURE OF SOUND, TAILORED AROUND YOU.

LS7200

3D Soundbar System



BLACK



HT-L05 5-Channel Network Receiver

- Efficient 50 W/Ch Amplification • 3.1.2-Channel Dolby Atmos® and DTS:X® Object-based Audio Playback
- Single Multichannel Cable Connection to Soundbar • 4 HDMI In/1 Out, 4K/60p, HDCP 2.2, HDR10, and BT.2020 Pass-through • 5 GHz/2.4 GHz Wi-Fi® • Chromecast built-in, DTS Play-Fi®, AirPlay, and Bluetooth® • Spotify, TIDAL, TuneIn, and Deezer • AccuEQ Calibration • Dialog Control for DTS:X • DTS Neural:X™ • Surround Enhancer Based on Dolby® Technology • FlareConnect™ Multi-room Capability • Onkyo Controller App
- Digital and Analog Audio Inputs • 1080p Video Upscaling to 4K Resolution • FM Tuner with 40 Presets
- USB Audio Playback • GUI and Simple Remote • Listening Modes • WHD: 435 x 70 x 325.5 mm • 4.0 kg

LB-403 Soundbar System

- Ultra-low 55 mm Profile • Dual FL/FR Speaker Cones • Dual Center Speaker Cones • Height Speakers for Object-based Audio • Solid Build and Quality Finish • WHD: 950 x 55 x 80 mm • 2.3 kg

SLW-403 Wireless Powered Subwoofer

- Wireless for Flexible Positioning • Powered Bass Reflex Design • 16 cm Cone Woofer
- Rated Output Power: 50 W (4 Ω, 100 Hz, 1% THD, IEC) • WHD: 261 x 338 x 269 mm • 6.2 kg



LS5200

2.1-Channel Home Theater System



WHITE BLACK



TX-L20DWL 2.1-Channel A/V Receiver

- Powerful 85 W + 85 W Discrete Amplification System • Independent Power Supply • 4 HDMI In/1 Out, 4K/60p, HDCP 2.2, HDR, and BT.2020 Pass-through • 5 GHz/2.4 GHz Wi-Fi • Chromecast built-in, DTS Play-Fi, AirPlay, and Bluetooth • Spotify, TIDAL, TuneIn, and Deezer • FlareConnect Multi-room Capability
- Onkyo Controller App • Digital and Analog Audio Inputs • USB Audio Playback
- WHD: 435 x 70 x 331.5 mm • 4.0 kg

SKM-648 Acoustic-Suspension Satellite Speakers

- 8.0 cm Cone Woofer • 2.5 cm Balanced-dome Tweeter • Wall-mounting Capability
- WHD: 102 x 170 x 105 mm • 1.0 kg

SKW-B50 Wireless Subwoofer

- Wireless for Flexible Positioning • Powered Bass Reflex Design • 16 cm Down-firing Cone
- Rated Output Power: 50 W (4 Ω, 100 Hz, 1% THD, IEC) • WHD: 261 x 337 x 269 mm • 5.8 kg



TX-L50

5.1-Channel Network A/V Receiver



- Powerful 80 W Six-Channel Amplification • Independent Power Supply and Discrete Output Stages
- 3.1.2-Channel Dolby Atmos and DTS:X Object-based Audio Playback • 4 HDMI In/1 Out, 4K/60p, HDCP 2.2, HDR, and BT.2020 Pass-through • 5 GHz/2.4 GHz Wi-Fi • Chromecast built-in, DTS Play-Fi, AirPlay, and Bluetooth • Spotify, TIDAL, TuneIn, and Deezer • FlareConnect Multi-room Capability • Onkyo Controller App • Digital and Analog Audio Inputs • 1080p Video Upscaling to 4K Resolution • USB Audio Playback • Supports 192/24 and DSD Decoding for Hi-Res Audio Playback
- WHD: 435 x 70 x 325.5 mm • 4.0 kg

WHITE BLACK



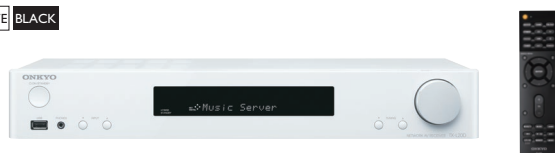
TX-L20D

2.1-Channel Network Stereo Receiver



- 85 W + 85 W Digital Amplification System with Independent Power Supply and Discrete Output Stages • 4 HDMI In/1 Out, 4K/60p, HDCP 2.2, HDR, and BT.2020 Pass-through • 5 GHz/2.4 GHz Wi-Fi • Chromecast built-in, DTS Play-Fi, AirPlay, and Bluetooth • Spotify, TIDAL, TuneIn, and Deezer • FlareConnect Multi-room Capability • Onkyo Controller App • Digital and Analog Audio Inputs • 1080p Video Upscaling to 4K Resolution • USB Audio Playback • DSD Decoding (2.1-Ch/5.6 MHz) via Network, HDMI, and USB • WHD: 435 x 70 x 331.5 mm • 4.0 kg

WHITE BLACK



Pure Hi-Fi represents the culmination of 70 years' experience in component design. Excellent transient response—freedom for notes to stop and start naturally, expressing the emotional nuances in attack, release, and decay with conviction—is key to the involving sound we deliver. Join us in pursuit of musical perfection with an audition today.



REFERENCE HI-FI SERIES

The Universally Acclaimed Hi-Fi Pre-Amp

P-3000R

Preamplifier



- DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Separate Digital/Analog Circuitry • Separate Massive Transformers for Digital/Analog Circuitry (Toroidal Transformer for Analog Circuitry) • Separate Anti-Vibration Aluminum Panels • PLL Ultra-Low Jitter Technology
- Separate TI Burr-Brown 192 kHz/32-bit DACs (PCM1795 x 2) • Independent Headphone Amplifier
- Discrete Phono Equalizer (MM) • USB Device (C-Media CM6631) for 192 kHz/32-bit Hi-Res Audio from PC*
- 5 Digital Inputs (Amphenol AES/EBU, 2 Optical, and 2 Coaxial) and 1 Output (Optical)

* Playback of PC audio requires dedicated software that can be downloaded from an Onkyo website.

SILVER BLACK



DIDRC 192 kHz/32-bit USB RI

Experience True Musicality from Compact Disc

C-7000R

Compact Disc Player



- DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Separate Digital/Analog Circuitry • Separate Massive Transformers for Digital and Analog Circuitry (Toroidal Transformer for Analog Circuitry) • Thermally Regulated High-Precision Clock • Silent Disc Mechanism with Solid Die-Cast Aluminum Tray • Separate Anti-Vibration Aluminum Panels • PLL Ultra-Low Jitter Technology
- Separate TI Burr-Brown 192 kHz/24-bit DACs (PCM1792 x 2) • Pure Analog/Digital Mode • 3 Digital Outputs (Amphenol AES/EBU, Optical, and Coaxial)

SILVER BLACK



DIDRC 192 kHz/24-bit MP3 WMA

Satisfy Your Desire for Reference Sound

M-5000R

Power Amplifier



- Max. Power: 170 W/Ch (4 Ω , 1 kHz, 1%, 2 Channels Driven, IEC) • DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • AWRAT (Advanced Wide Range Amplifier Technology) • Quad Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry • Symmetrical Layout of L/R Channels • Two Massive Toroidal Transformers with Sub Transformer • Four Large 27,000 μ F Capacitors • Separate Anti-Vibration Aluminum Panels
- Balanced XLR Input for Monaural Amplification in BTL Mode

SILVER BLACK



DIDRC AWRAT 27,000 μ F

Premier Integrated Amp Brings Music to Life

A-9000R

Integrated Stereo Amplifier



- 140 W/Ch (4 Ω , 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) • DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • AWRAT (Advanced Wide Range Amplifier Technology) • Quad Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry
- 192 kHz/24-bit Hi-Res Audio Playback via USB (Asynchronous Transfer) • Separate Wolfson® 192 kHz/24-bit DACs (WM8742 x 2) • Four Large 18,000 μ F Capacitors • Four Amplifier Modes (Integrated Amp, Power Amp, Pre-Amp, Split Pre-Amp/Power Amp) • Discrete Phono Equalizer (MM/MC) • 4 Digital Inputs (1 Amphenol AES/EBU, 1 Optical, and 2 Coaxial)

SILVER BLACK



DIDRC AWRAT 18,000 μ F 192 kHz/24-bit USB RI



AUTHENTICALLY MUSICAL, HOWEVER YOU PLAY IT.



SILVER BLACK



A-9150

Integrated Stereo Amplifier

NEW
for 2017

Hi-Res
AUDIO



- 60 W/Ch Analog Amplification (4 Ω , 20 Hz–20 kHz, 0.08% THD, 2 Channels Driven, IEC)
- Discrete SpectraModule™ High Instantaneous Voltage for Immersive Soundstage, Improved Separation and Transient Response
- Custom Hi-Current Transformer and Two Huge Capacitors
- Dedicated MM/MC Circuit Board and Quality Discrete Head Amp
- Isolated Processing, Pre-amp, and Power Amps
- Extruded Aluminum Heat Sink
- AKM (AK4452) 768 kHz/32-bit DAC with Patented DIDRC Filter
- 4 Gold-plated RCA Audio Inputs
- 2 Optical Digital Inputs
- 2 Gold-plated Coaxial Digital Audio Inputs
- 2 Pairs of Gold-plated Speaker Posts (A+B)
- Gold-plated Phono Input (MM/MC)
- Aluminum Front Panel and Volume
- Rigid Full-Flat Chassis

Discrete SpectraModule DIDRC RI

A-9070

Integrated Stereo Amplifier

Hi-Res
AUDIO



- 140 W/Ch (4 Ω , 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC)
- DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry)
- AVRAT (Advanced Wide Range Amplifier Technology)
- Parallel Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry
- 192 kHz/24-bit Hi-Res Audio Playback via Coaxial Inputs
- Separate Wolfson® 192 kHz/24-bit DACs (WM8742 x 2)
- Four Large 15,000 μ F Capacitors
- Four Amplifier Modes (Integrated Amp, Power Amp, Pre-Amp, Split Pre-Amp/Power Amp)
- Discrete Phono Equalizer (MM/MC)
- Independent Headphone Amplifier
- 3 Digital Inputs (1 Optical and 2 Coaxial)

BLACK SILVER



DIDRC AVRAT 192 kHz/24-bit RI

A-9010

Integrated Stereo Amplifier

Hi-Res
AUDIO



- 44 W/Ch (8 Ω , 1 kHz, 0.08% THD, 2 Channels Driven, IEC)
- WRAT (Wide Range Amplifier Technology)
- Discrete Amplifier Output Circuitry
- High Quality Wolfson® WM8718 192 kHz/24-bit DAC
- Two Digital Audio Inputs (Optical and Coaxial)
- Coaxial Supports Hi-Res Audio Up to 192 kHz/24-bit
- Independent Headphone Amplification Circuitry
- Four Audio-Grade Capacitors
- Thick Speaker Plates To Maintain Signal Quality
- Gold-Plated Banana Plug-compatible Speaker Posts
- Phono Input (MM) and Phono Equalizer

BLACK SILVER



WRAT 192 kHz/24-bit RI



SUPREMELY ADAPTABLE STEREO ENTERTAINMENT

SILVER BLACK



TX-8270

Network Stereo Receiver



- 170 W/Ch (6 Ω , 1 kHz, 10%, 1 Channel Driven, JEITA) Hi-Current Dynamic Audio Amplification System • 384 kHz/32-bit (AK4438) DAC with VLSC™ Filtering • HDMI® 4 In/1 Out, 4K/60p, HDR, Dolby Vision™, HDCP 2.2 Pass-through • 5 GHz/2.4 GHz Wi-Fi® and Bluetooth® Technology • Chromecast built-in, DTS Play-Fi®, AirPlay, Spotify, TIDAL, Tuneln, and Deezer • Onkyo Controller App • FlareConnect™ Multi-room Audio • FM/RDS, DAB/DAB+ Radio with Quick Recall Presets • Zone 2 Line Outs with Dedicated DAC for NET/USB Audio Distribution • Hi-Res Audio via Network (DSD and 192/24 PCM) • Aluminum Front Panel and Volume



TX-8250

Network Stereo Receiver



- 140 W/Ch (6 Ω , 1 kHz, 10%, 1 Channel Driven, JEITA) High-Current Discrete Amplification System
- 5 GHz/2.4 GHz Wi-Fi • Chromecast built-in, DTS Play-Fi, AirPlay, Spotify, TIDAL, Tuneln, and Deezer
- Onkyo Controller App • FlareConnect Multi-room Audio • Bluetooth Wireless Technology
- DAB+ and FM/RDS Tuners with 40 Station Presets • 192 kHz/24-bit (AK4452VN) DAC
- Supports Hi-Res Audio Including Direct DSD • Wide Connectivity with MM Phono, Line, and Digital Audio Inputs • Subwoofer Pre-Out and A+B Speaker Drive

BLACK SILVER



TX-8220

Stereo Receiver



- 100 W/Ch (6 Ω , 1 kHz, 10%, 2 Channels Driven) High-Current Discrete Amplification System with Custom High-Output Transformer • Bluetooth Wireless Streaming from Smartphones, Tablets, and PCs
- DAB+ and FM/RDS Tuners with 40 Station Presets • 192 kHz/24-bit (PCM1754) DAC • MM Phono Input for Turntable • Line Inputs and Digital Audio Inputs for TV, CD, and Network Audio Streamers
- Subwoofer Pre-Out

SILVER BLACK





COMPACT STYLE MEETS ROOM-FILLING SOUND.

R-N855

Network Stereo Receiver



- Discrete 70 W/Ch Amplifier (4 Ω, 1 kHz, 1% THD, 2 Channels Driven, IEC) • Plug-and-Play USB-HDD Server Function • Customized Massive EI Transformer • Supports Hi-Res Audio
- Chromecast built-in, DTS Play-Fi®, AirPlay, 5 GHz/2.4 GHz Wi-Fi®, and Bluetooth® • Onkyo Controller App • FlareConnect™ Multi-room Audio • Spotify, Deezer, TIDAL, and Tunes • Phono Input (MM) • DAB/DAB+ Tuner • High-rigidity Anti-resonant Flat Chassis • Aluminum Front Panel
- WHD: 275 x 87.7 x 283.2 mm • 6.1 kg

SILVER BLACK



C-755

Compact Disc Player



- Plays Audio CD, CD-R, CD-RW, and MP3 CD • Aluminum Front Panel • VLSC™ Digital Pulse-Noise Removal • Customized Massive EI Transformer • Precision Clock (±10 ppm) • AKM 192 kHz/24-bit DAC • High-rigidity Anti-resonant Flat Chassis • WHD: 275 x 80 x 270 mm • 3.4 kg

SILVER BLACK



VLS 192kHz/24bit



MP3 RI

CS-N1075

Compact Hi-Fi System



BLACK/BLACK SILVER/BLACK



R-N855 Network Stereo Receiver

C-755 Compact Disc Player

D-175 2-Way Bass Reflex Speakers

- 13 cm Onkyo Original N-OMF Diaphragm Woofer
- 3 cm Ring Tweeter • WHD: 170 x 283 x 260.4 mm • 4.3 kg



CS series

COMPACT HI-FI DELIVERS ON A GRANDER SCALE.

CR-N775D/D-165

Multi-room Hi-Fi CD Receiver / Optional 2-Way Speaker

SILVER BLACK

NEW
for 2017

Next Generation
Network Audio

ONKYO



CR-N775D Multi-room Hi-Fi CD Receiver

- 40 W/Ch (4 Ω, 1 kHz, 10% THD, 2 Channels Driven, IEC) • Patented 3-state Bitstream™ Switching Amplification with Wide-range Audio Reproduction Capability • Highly Efficient with Instantaneous High-Current Power Delivery • AKM 768 kHz/32-bit DAC • Direct DSD 11.2 MHz and 192/24 Hi-Res Audio • Intuitive JOG Dial Operation and Large LCD Screen • Chromecast built-in, DTS Play-Fi®, 5 GHz/2.4 GHz Wi-Fi®, and Bluetooth® Technology • FlareConnect™ Multi-room Audio • Plug-and-Play USB-HDD Music Server Capability with PC
- Onkyo Controller App • DAB+ and FM/RDS Radio Tuners • CD Player • Analog Line Input and Output • Coaxial and Optical Digital Inputs • 2 USB Inputs • Phono Input and MM Equalizer • Subwoofer Pre Out and Gold-plated Speaker Posts • Aluminum Front Panel and Volume • WHD: 215 x 117 x 295 mm • 2.7 kg

D-165 2-Way Bass Reflex Speakers

- 130 mm Onkyo Original N-OMF Diaphragm Woofer • 30 mm Ring-radiator Tweeter • Solid MDF Enclosures
- Banana-plug-compatible Speaker Posts • Frequency Response: 50 Hz–50 kHz
- WHD: 170 x 283 x 260.5 mm • 4.3 kg

Hi-Res
AUDIO

3-STATE
bitstream

WiFi
CERTIFIED

Bluetooth

Spotify

TIDAL

DEEZER

+tunein

CS-N575D

Multi-room Hi-Fi CD System

NEW
for 2017

Next Generation
Network Audio

ONKYO



CR-N575 Network CD Receiver

- 20 W/Ch (6 Ω, 1 kHz, 10% THD, 2 Channels Driven, IEC) • New Switching Amplification System with Optimum Audio Control DSP/Speaker Factory Tuning • Supports 192/24 Hi-Res Audio • JOG Dial Operation and LCD Screen • Chromecast built-in, DTS Play-Fi, Bluetooth Technology, and 5 GHz/2.4 GHz Wi-Fi • FlareConnect™ Multi-room Audio • Plug-and-Play USB-HDD Playback • Onkyo Controller App
- DAB+ Radio Tuner • FM/RDS Radio Tuner • CD Player • 1 Analog Line Input • Coaxial Digital Input • Optical Digital Input • WHD: 215 x 117 x 296.5 mm • 2.3 kg

D-075 2-Way Speaker System

- Responsive 130 mm Natural Pulp Pressed-cone Woofer • Precision 25 mm Soft-dome Tweeter
- Thick Anti-resonant MDF Baffle with Stylish Matte Finish • Removable Cloth Grilles • Frequency Response: 55 Hz–40 kHz • WHD: 160 x 250 x 184 mm • 2.6 kg

SILVER BLACK BLACK/BLACK

CS-375D

CD Receiver System

NEW
for 2017



CR-375 CD Receiver

- 20 W/Ch (6 Ω, 1 kHz, 10% THD, 2 Channels Driven, IEC) • New Switching Amplification System with Optimum Audio Control DSP/Speaker Factory Tuning • Intuitive JOG Dial Operation • Bluetooth Wireless Audio Streaming with Auto Connect • Plug-and-Play USB Flash-memory Playback • DAB+ Radio Tuner and FM/RDS Radio Tuner with 40 Station Presets • Front-loading CD Player • 1 Analog Line Input • Optical Digital Input • Sleep and Program Timers • WHD: 215 x 117 x 296.5 mm • 2.2 kg

D-075 2-Way Speaker System

- Responsive 130 mm Natural Pulp Pressed-cone Woofer • Precision 25 mm Soft-dome Tweeter
- Thick Anti-resonant MDF Baffle with Stylish Matte Finish • Removable Cloth Grilles • Frequency Response: 55 Hz–40 kHz • WHD: 160 x 250 x 184 mm • 2.6 kg

SILVER BLACK BLACK/BLACK



Hi-Res
AUDIO

WiFi
CERTIFIED

Bluetooth

Spotify

TIDAL

DEEZER

+tunein

DAB+

DSD

Bluetooth

DAB+

DSD

WHITE



LIGHT BLUE



YELLOW



BLACK



RED



WIRELESS FREEDOM WITH A SPLASH OF PERSONALITY

CS-265

CD Hi-Fi Mini System

colibrino

BLACK WHITE RED LIGHT BLUE YELLOW



CR-265 CD Receiver

• 20 W/Ch (6 Ω , 1 kHz, 10% THD, 2 Channels Driven, IEC) • Efficient Digital Amplifier for Clear and Balanced Stereo Sound • Bluetooth® Version 4.0 for Mobiles, Tablets, and PCs • Quick and Convenient NFC Connection for Bluetooth Streaming (NFC-compatible Devices Only) • Plays Audio CD, CD-R, CD-RW, and MP3-Encoded CD • Front-Panel USB Port for iPod/iPhone/iPad and USB Flash Drives • FM Tuning with 30 Presets • 2-Mode Super Bass Function • WHD: 215 x 99 x 273 mm • 1.9 kg

D-T25 2-Way Bass Reflex Speakers

• 10 cm Cone Woofer • 2.0 cm Balanced-Dome Tweeter • Non-Parallel Sides to Prevent Internal Standing Waves • Magnetically Shielded • WHD: 130 x 210 x 176 mm • 1.7 kg



CS-265DAB

CD Hi-Fi Mini System with Built-In DAB+ Tuner

BLACK WHITE



NCP-302

Wireless Audio System



• FlareConnect™ Multi-room Speaker for Onkyo Master Components • Chromecast built-in, DTS Play-Fi®, 5 GHz/2.4 GHz Wi-Fi®, Bluetooth Technology • Spotify, TIDAL, Deezer, and Tunes • Onkyo Controller for Multi-room Control • Dual 77 mm Dynamic Woofers • 26 mm Balanced-Dome Tweeter • Tuned Bass-Reflex Enclosure • Physical Controls • Auto Power-on and Playback • Stylish Perforated Metal Grille • Choice of Finishes • Wired LAN Input • 3.5 mm Auxiliary Input



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Onkyo Controller for iOS/Android™

Be at the Center of a Stress-free Multi-room Experience

Free iOS and Android™ Versions

• Audio streaming and internet radio selection and control • Stream audio files stored on the device • Select and play audio files via DLNA-compatible server • General remote control and playback functions • Volume control function • Hi-Res Audio playback capability (FLAC, DSD, and Apple Lossless) via Home Media function (selected components only) • Supports Spotify, TuneIn, TIDAL, Deezer, and more*

* Service availability depends on region. Some services may require a subscription and a firmware update before use.

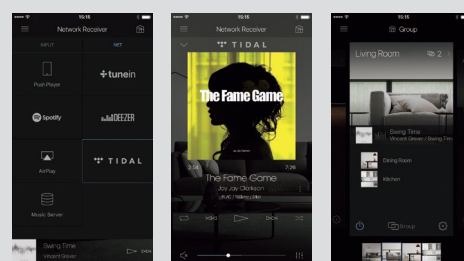
Product Compatibility

Onkyo Controller is currently compatible with network components released in April 2016 or later. Note that a firmware update is required before use with all supported products.

Note: Onkyo Controller for iOS requires iOS 8.0 or later. Onkyo Controller for Android requires Android 4.0.3 or later.



Onkyo Controller for iOS/Android™



DISCOVER OLD FAVORITES FOR THE FIRST TIME

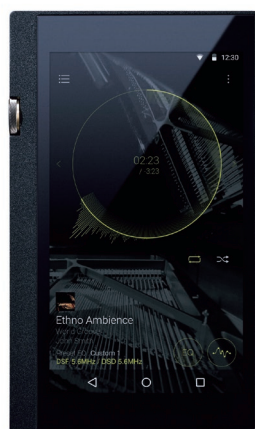
Onkyo Digital Audio Players (DAPs) take music you're used to hearing through a smartphone and serve it with such astonishing, transformative insight you'll fall in love with your best-loved albums all over again, discovering new layers of detail with every listen. You'll soon want to test your DAP's full capabilities with the very latest Hi-Res Audio formats. A quality personal audio player is an investment in quality of life—and your daily dividend is happiness.

DP-X1 Digital Audio Player



- Based on Android™ with Access to Google Play • Twin ESS SABRE ES9018K2M DACs and SABRE 9601K Amps • Standard Balanced (BTL) and Active Control Ground (ACG) Modes • 2.5 mm 4-Pole and 3.5 mm 3-Pole Output • Audio Circuit Board (DAC/Amp) Separated from Main Circuit Board (CPU) • Closed Loop Circuit Design to Limit Noise • Physical Buttons for Quick Music Control • Support for Up to 544 GB of Storage (256 GB microSD slot x 2 and 32 GB Internal Storage) • Support for MQA* • Supports Wi-Fi® and Bluetooth®
- Supports Qualcomm® aptX™ • Micro USB-B/OTG Digital Output
- WHD: 75.9 x 129.0 x 17.7 mm • 203 g

* Requires future firmware update. Note microSD cards are not included.



BLACK

DPA-PUX1

Premium Case for Onkyo DAP



- Sleek Design to Exclusively Fit and Protect the Onkyo DP-X1
- Textured Black PU Leather Exterior (Polyurethane) • Yellow Microfiber Interior • Access Buttons, Volume, Headphone Jacks, USB Port for Charging/Data • WHD: 78.9 x 130.5 x 15.7 mm • 28 g



Note: Digital Audio Player not included.

MAKE AN INVESTMENT IN QUALITY OF LIFE

A quality Digital Audio Player can bring joy every day, turning routine activities such as commuting into events you'll look forward to. You don't need to be an audiophile to appreciate what the DP-X1 and DP-S1 do for music, revealing layers of exquisite detail and immersing you more thoroughly than many high-end stereo systems. With built-in Wi-Fi®, Bluetooth®, and audio outputs for playback on your home or car hi-fi, these DAPs are not just for headphones. They'll be the go-to source for transcendent listening, wherever your day takes you.

Twin DACs and Amps for Balanced Audio

SABRE DAC

Twin SABRE DACs and amplifiers are laid out in symmetrical configuration and are served by separate custom capacitors for stable playback. Connect your headphones via 2.5 mm 4-pole output to enable Balanced Audio Output. Both high-driving BTL and precision ACG modes offer a tangible increase in headroom and spatial dimensionality. With balanced or regular unbalanced headphones, transparent audio reproduction gives insight and dynamic response few DAPs can compete with at this price.

Simple Playback, Streaming, and Casting

MQA

The DP-X1 and DP-S1 support FLAC, WAV, ALAC, and AIFF up to 384 kHz/24-bit* and handle all popular compressed files. As well as the latest MQA format, the devices play DSD (DP-X1 to 11.2 MHz and DP-S1 to 5.6 MHz). Use built-in dual-band Wi-Fi® to enjoy glitch-free streaming from apps downloaded to the DP-X1 via Google Play, or cast to a car stereo system with Bluetooth® technology on both devices.

* Up to 192 kHz for DP-S1. 32-bit files down-convert to 24-bit automatically for DP-X1. MQA requires a future firmware update.

HF Player for iOS/Android™ Premium Audio Quality with Precision Equalization



FREE

iOS and Android Versions

- High-precision EQ (16,384 discrete bands, linear-phase FIR filter)
- Create and save personalized EQ settings for different music
- Selectable EQ presets optimized by musicians for Onkyo headphones
- Automatic upsampling function
- Crossfade playback option

PAID

HD Player Pack (iOS) and HF Player Unlocker (Android)

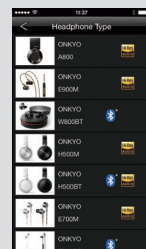
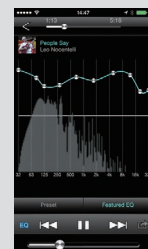
- Playback 192/24 and DSD 11.2 MHz
- Output Hi-Res Audio and DSD to compatible DAC/Amps via Lightning or OTG (On-the-Go) cables and DoP Output Mode
- Precision 16,384-band EQ
- Playlist creation function for Hi-Res library

Supported Formats (iOS)

- MP3/ALAC/AAC/WAV/AIFF (Up to 48 kHz)
- DSF/DSD-IFF (Up to 11.2 MHz, PCM conversion, DoP), FLAC/ALAC/WAV/AIFF (Up to 384 kHz), and Ogg-Vorbis (Up to 192 kHz)

Supported Formats (Android)

- MP3/AAC (Up to 48 kHz)
- DSF/DSD-IFF (Up to 11.2 MHz, PCM conversion, DoP)
- FLAC/ALAC/WAV/AIFF/Ogg-Vorbis (Up to 192 kHz)



iOS version pictured.

DP-S1

Digital Audio Player

- Compact Audiophile Performance (WHD: 63 x 94 x 15 mm, Weight: 130 g)
- 150 mW + 150 mW Output Power • Twin SABRE ES9018C2M DACs
- Twin SABRE ES9601K Amplifiers for 16–600 Ohm Headphones
- Dual 44.1 kHz/48 kHz Clocks • Dual Headphone/Line Outputs for Balanced and Unbalanced Audio (Gold-plated 2.5 mm 4-pole and 3.5 mm 3-pole) • Symmetrical Channel Layout for Equal Signal Paths • Isolated Audio Circuit Board Design
- Supports Balanced Audio Output in BTL and ACG Modes • Solid Aluminum Casing • Bright 2.4-inch 320 x 240-pixel Touchscreen • Fast and Intuitive Touch Interface • 5 GHz/2.4 GHz Wi-Fi® Streaming from TIDAL and TuneIn
- Bluetooth® Streaming to External Receivers (Profile: A2DP/AVRCP, Codec: SBC)
- Supports MQA Hi-Res Audio • 192 kHz/32-bit Upsampling • 10-band Equalizer
- Three-step Gain Function • 16 GB Internal Memory Expandable to 528 GB with 2 x microSD Cards • Long-life Rechargeable Battery • Control Playback from Smartphone with Onkyo DapController App • Supports DSD 5.6 MHz/2.8 MHz and PCM to 192 kHz/32-bit • Micro USB Terminal for Recharging and Data Transfer

Note: Additional streaming service apps are planned with a future firmware update. MQA support enabled with firmware update scheduled autumn 2017. Check App Store or Google Play for device and OS requirements with Onkyo DapController. Note microSD cards are not included.



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DP-X1A

Digital Audio Player

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Visual Grand-Prize Lifestyle Category Prize



DPA-PLS1

Protective Sleeve Case for the DP-S1

BLACK



- Sleek Design to Exclusively Fit and Protect the Onkyo DP-S1
- Stylish, Custom Faux Leather Case
- Yellow Microfiber Interior
- Provides Access to the Screen, Terminals, and Product Controls
- WHD: 65 x 96 x 17 mm • 20 g



DPA-ABP1

Aluminum Frame Case for the DP-S1

BLACK



- Robust Design to Exclusively Fit and Protect the Onkyo DP-S1
- Luxury Extruded Aluminum Frame for Superior Protection
- Access Buttons, Volume, Headphone Jacks, USB Port
- Easy microSD Card Exchange with the Case Attached to the Player
- WHD: 75 x 105 x 16 mm • 40 g



Note: Digital Audio Player not included.

- Based on Android™ with Access to Google Play • Twin ESS SABRE ES9018K2M DACs and SABRE 9601K Amps • Standard Balanced (BTL) and Active Control Ground (ACG) Modes • Gold-plated 2.5 mm 4-Pole and 3.5 mm 3-Pole Output • Audio Circuit Board (DAC/Amp) Separated from Main Circuit Board (CPU)
- Closed Loop Circuit Design to Limit Noise • Nippon Chemi-Con "MELODIO" Series Based Custom Audio Grade Electro-conductive Polymer Capacitors • Support for Up to 576 GB of Storage (256 GB microSD slot x 2 and 64 GB Internal Storage) • Support for MQA®
- Supports Wi-Fi® and Bluetooth® • Supports Qualcomm® aptX™
- Micro USB-B/OTG Digital Output
- WHD: 129 x 75.9 x 12.7 mm • 205 g

* Requires future firmware update. Note microSD cards are not included.



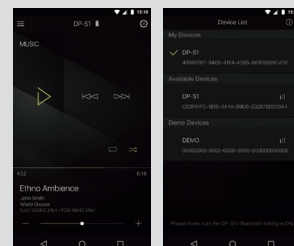
Onkyo DapController

Remote Application for DP-S1

The free Onkyo DapController smartphone app uses Bluetooth® Low Energy (LE) to connect smartphone to supported Onkyo DAPs, so you can operate the DAP remotely. This is handy when on crowded public transport, or when the DAP is connected to your home hi-fi.

Note: Mobile devices require support for Bluetooth Low Energy (LE). Please check App Store or Google Play for device and OS requirements.

You can use your phone to play/pause, skip, scan, shuffle, and repeat songs. Volume control is also included. The app also simplifies entry of Wi-Fi passwords, and supports playlist creation using a keyboard.



A/V Receivers

Specifications										
	TX-RZ3100	TX-RZ1100	TX-RZ820	TX-RZ720	TX-NR676E	TX-NR575E	TX-NR474	TX-SR373	TX-SR252	PR-RZ5100
Amplifier Section										
Channels	11.2	9.2	7.2	7.2	7.2	7.2	5.1	5.1	5.1	11.2 (Pre-Outs Only)
Power Output All Channels (except for subwoofers)	320 W/Ch (6 Ω, 1 kHz, 10%, 1 Channel Driven, JEITA) 200 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	320 W/Ch (6 Ω, 1 kHz, 10%, 1 Channel Driven, JEITA) 200 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	180 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	175 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	165 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	135 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	135 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	140 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven)	120 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, JEITA) 100 W/Ch (6 Ω, 1 kHz, 0.7%, 1 Channel Driven)	—
Dynamic Power	320 W (3 Ω, Front) 270 W (4 Ω, Front) 160 W (8 Ω, Front)	320 W (3 Ω, Front) 270 W (4 Ω, Front) 160 W (8 Ω, Front)	300 W (3 Ω, Front) 250 W (4 Ω, Front) 150 W (8 Ω, Front)	250 W (3 Ω, Front) 220 W (4 Ω, Front) 130 W (8 Ω, Front)	240 W (3 Ω, Front) 210 W (4 Ω, Front) 120 W (8 Ω, Front)	160 W (3 Ω, Front) 125 W (4 Ω, Front) 85 W (8 Ω, Front)	160 W (3 Ω, Front) 125 W (4 Ω, Front) 85 W (8 Ω, Front)	—	—	—
THD + N (Total Harmonic Distortion + Noise)	0.04% (1 kHz, 100 W)	0.04% (1 kHz, 100 W)	0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)	0.06% (20 Hz–20 kHz, 8 Ω, 1 Channel Driven, 50 W)	0.06% (20 Hz–20 kHz)	—
Input Sensitivity and Impedance	200 mV/82 kΩ (Line) 3.5 mV/47 kΩ (Phono MM)	200 mV/82 kΩ (Line) 3.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line) 3.5 mV/47 kΩ (Phono)	200 mV/47 kΩ (Line) 3.5 mV/47 kΩ (Phono)	200 mV/47 kΩ (Line) 3.5 mV/47 kΩ (Phono)	200 mV/47 kΩ (Line) 3.5 mV/47 kΩ (Phono)	200 mV/47 kΩ (Line) 3.5 mV/47 kΩ (Phono)	200 mV/47 kΩ (Line)	200 mV/47 kΩ (Line)	200 mV/82 kΩ (Line) 3.5 mV/47 kΩ (Phono MM)
Rated RCA Output Level and Impedance	1.0 V/330 Ω (Pre Out) 1.0 V/330 Ω (Subwoofer Pre Out) 200 mV/1.2 kΩ (Zone Out) 2.0 V/1.2 kΩ (Zone Pre Out)	1.0 V/330 Ω (Pre Out) 1.0 V/330 Ω (Subwoofer Pre Out) 200 mV/1.2 kΩ (Zone Out) 2.0 V/1.2 kΩ (Zone Pre Out)	1.0 V/330 Ω (Pre Out) 1.0 V/470 Ω (Subwoofer Pre Out) 1.0 V/2.3 kΩ (Zone2/3 Pre Out) 200 mV/2.3 kΩ (Zone2/3 Line Out)	1.0 V/470 Ω (Subwoofer Pre Out) 1.0 V/2.3 kΩ (Zone Pre Out) 200 mV/2.3 kΩ (Zone Line Out)	1.0 V/470 Ω (Subwoofer Pre Out) 200 mV/2.3 kΩ (Zone Line Out)	1.0 V/470 Ω (Subwoofer Pre Out) 200 mV/2.3 kΩ (Zone Line Out)	1 V/470 Ω (Subwoofer Pre Out)	—	—	200 mV/1.2 kΩ (Zone Line Out) 2 V/1.2 kΩ (Zone Pre Out) 1.0 V/330 Ω (Pre Out Subwoofer Pre Out)
Rated XLR Output Level and Impedance	—	—	—	—	—	—	—	—	—	2.0 V/220 Ω (Pre Out)
Phono Overload	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)	—	—	—	70 mV (MM, 1 kHz, 0.5%)
Frequency Response	5 Hz–100 kHz/+1 dB, -3 dB (DSP Bypass)	5 Hz–100 kHz/+1 dB, -3 dB (DSP Bypass)	5 Hz–100 kHz/+1 dB, -3 dB (Direct Mode)	5 Hz–100 kHz/+1 dB, -3 dB (Direct Mode)	10 Hz–100 kHz/+1 dB, -3 dB (Direct Mode)	10 Hz–100 kHz/+1 dB, -3 dB (Direct Mode)	10 Hz–100 kHz/+1 dB, -3 dB (Direct Mode)	10 Hz–100 kHz/0 dB, -3 dB (Direct Mode)	10 Hz–70 kHz/+0 dB, -3 dB (Direct Mode)	5 Hz–100 kHz/+1 dB, -3 dB (Direct/Pure Audio)
Tone Control										
Bass	±10 dB, 100 Hz	±10 dB, 100 Hz	±10 dB, 90 Hz	±10 dB, 90 Hz	±10 dB, 90 Hz	±10 dB, 90 Hz	±10 dB, 90 Hz	±10 dB, 90 Hz	±10 dB, 100 Hz	±10 dB, 100 Hz
Treble	±10 dB, 10 kHz	±10 dB, 10 kHz	±10 dB, 7.5 kHz	±10 dB, 7.5 kHz	±10 dB, 7.5 kHz	±10 dB, 7.5 kHz	±10 dB, 7.5 kHz	±10 dB, 7.5 kHz	±6 dB, 100 Hz ±6 dB, 10 kHz	±10 dB, 100 Hz ±10 dB, 10 kHz
Signal-to-Noise Ratio	108 dB (Line, IHF-A) 90 dB (Phono MM, IHF-A)	108 dB (Line, IHF-A) 90 dB (Phono MM, IHF-A)	106 dB (Line, IHF-A)	106 dB (Line, IHF-A)	106 dB (Line, IHF-A) 80 dB (Phono, IHF-A)	106 dB (Line, IHF-A) 80 dB (Phono, IHF-A)	106 dB (Line, IHF-A) 80 dB (Phono, IHF-A)	106 dB (Line, IHF-A) (Line, IHF-A Network, 1 kΩ Shorted)	98 dB (Line, IHF-A)	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)
Speaker Impedance	4 Ω – 16 Ω	4 Ω – 16 Ω	4 Ω – 16 Ω	4 Ω – 16 Ω	4 Ω – 16 Ω	4 Ω – 16 Ω	4 Ω – 16 Ω	4 Ω – 16 Ω	6 Ω – 16 Ω	—
Video Section										
Input Sensitivity/Output Level and Impedance	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component PB/CB, PR/CR) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component PB/CB, PR/CR) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component PB/CB, PR/CR) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component PB/CB, PR/CR) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component PB/CB, PR/CR) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component PB/CB, PR/CR) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p ±5%/75 Ω (Composite)	1.0 Vp-p/75 Ω (Monitor Out) 0.7 Vp-p/75 Ω (Component PB/CB, PR/CR) 1.0 Vp-p/75 Ω (Composite)
Tuner Section										
Tuning Frequency Range										
FM	87.5 MHz–108 MHz	87.5 MHz–108 MHz	87.5 MHz–108 MHz	87.5 MHz–108 MHz	87.5 MHz–108 MHz	87.5 MHz–108 MHz	87.5 MHz–108 MHz	87.5 MHz–107.9 MHz	87.5 MHz–108 MHz	87.5 MHz–108 MHz
AM	522 kHz–1,611 kHz	522 kHz–1,611 kHz	522 kHz–1,611 kHz / 530 kHz–1,710 kHz	522 kHz–1,611 kHz / 530 kHz–1,710 kHz	522 kHz–1,611 kHz / 530 kHz–1,710 kHz	522 kHz–1,611 kHz / 530 kHz–1,710 kHz	522 kHz–1,611 kHz / 530 kHz–1,710 kHz	522 kHz–1,611 kHz / 530 kHz–1,710 kHz	531 kHz–1,602 kHz	522 kHz–1,611 kHz / 530 kHz–1,710 kHz
Preset Memory	40 Stations	40 Stations	40 Stations	40 Stations	40 Stations	40 Stations	40 Stations	30 Stations	30 Stations	40 Stations
General										
Power Supply	AC 220–230 V~, 50/60 Hz	AC 220–230 V~, 50/60 Hz	AC 220–240 V~, 50/60 Hz	AC 220–240 V~, 50/60 Hz	AC 220–240 V~, 50/60 Hz	AC 220–240 V~, 50/60 Hz	AC 220–240 V~, 50/60 Hz	AC 220–240 V~, 50/60 Hz	AC 220–240 V~, 50/60 Hz	AC 220–230 V~, 50/60 Hz
Power Consumption	340 W	320 W	650 W	600 W	570 W	480 W	400 W	220 W	165 W	65 W
No-Sound Power Consumption	—	—	70 W	65 W	60 W	45 W	40 W	—	—	—
Standby Power Consumption	0.15 W	0.15 W	0.15 W	0.15 W	0.15 W	0.15 W	0.15 W	0.3 W	0.45 W	—
Network Standby Power Consumption	2.5 W	2.5 W	2.6 W	2.6 W	2.6 W	2.8 W	2.8 W	—	—	2.5 W
Dimensions (W x H x D)	435 x 201 x 453 mm	435 x 201 x 453 mm	435 x 201.5 x 395 mm	435 x 177 x 378 mm	435 x 173.5 x 378 mm	435 x 173.5 x 328.5 mm	435 x 160 x 328 mm	435 x 168 x 326.5 mm	435 x 168 x 326.5 mm	435 x 201 x 447.5 mm
Weight	19.7 kg	19.7 kg	14.0 kg	10.7 kg	10.0 kg	9.0 kg	8.6 kg	8.0 kg	7.3 kg	13.6 kg

Integrated Amplifiers

Specifications				
	A-9000R	A-9150	A-9070	A-9010
Power Output	140 W/Ch (4 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) 75 W/Ch (8 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC)	60 W/Ch (4 Ω, 20 Hz–20 kHz, 0.08%, 2 Channels Driven, IEC)	140 W/Ch (4 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) 75 W/Ch (8 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC)	44 W/Ch (8 Ω, 1 kHz, 0.08%, 2 Channels Driven, IEC)
Dynamic Power	450 W (1 Ω), 310 W (2 Ω), 230 W (3 Ω), 180 W (4 Ω), 100 W (8 Ω)	—	450 W (1 Ω), 310 W (2 Ω), 230 W (3 Ω), 180 W (4 Ω), 100 W (8 Ω)	—
THD + N (Total Harmonic Distortion + Noise)	0.006% (Half Power) 0.03% (1 kHz, 1 W Output) 0.008% (20 Hz–20 kHz, Half Power) 0.03% (20 Hz–20 kHz, 1 W Output)	0.08% (20 Hz–20 kHz, Rated Power)	0.006% (Half Power) 0.03% (1 kHz, 1 W Output) 0.008% (20 Hz–20 kHz, Half Power) 0.03% (20 Hz–20 kHz, 1 W Output)	0.08% (1 kHz, 1 W Output)
Input Sensitivity and Impedance	150 mV/47 kΩ (Line) 2.25 mV/47 kΩ (Phono MM) 0.18 mV/100 Ω (Phono MC)	200 mV/220 kΩ (Line) 4.0 mV/47 kΩ (Phono MM) 0.4 mV/120 Ω (Phono MC)	150 mV/47 kΩ (Line) 2.25 mV/47 kΩ (Phono MM) 0.18 mV/100 Ω (Phono MC)	150 mV/100 kΩ (Line) 3.0 mV/47 kΩ (Phono MM)
Rated RCA Output Level and Impedance	1 V/300 Ω (Pre Out)	0.2 V/2.3 kΩ (Line Out)	1 V/300 Ω (Pre Out)	0.15V/2.2 kΩ (Line Out)
Maximum RCA Output Level and Impedance	5 V/300 Ω (Pre Out)	—	5 V/300 Ω (Pre Out)	—
Phono Overload	70 mV (MM, 1 kHz, 0.5%) 5.2 mV (MC, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%) 7 mV (MC, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%) 5.2 mV (MC, 1 kHz, 0.5%)	94 mV (MM, 1 kHz, 0.5%)
Frequency Response	10 Hz–100 kHz+0 dB, -1 dB (1 W, Line) 1 Hz–250 kHz+0 dB, -3 dB (1 W, 8 Ω)	10 Hz–100 kHz+1 dB, -3 dB (Line 1, Direct)	10 Hz–100 kHz+0 dB, -1 dB (1 W, Line) 1 Hz–250 kHz+0 dB, -3 dB (1 W, 8 Ω)	10 Hz–100 kHz+1 dB, -3 dB (Line 1)
Tone Control	±10 dB, 80 Hz (Bass) ±10 dB, 10 kHz (Treble)	±10 dB, 100 Hz (Bass) ±10 dB, 10 kHz (Treble)	±10 dB, 80 Hz (Bass) ±10 dB, 10 kHz (Treble)	±10 dB, 100 Hz (Bass) ±10 dB, 10 kHz (Treble)
Signal-to-Noise Ratio	107 dB (Line, IHF-A) 60 dB (Phono MM, IHF-A) 70 dB (Phono MC, IHF-A)	107 dB (Line, IHF-A) 82 dB (Phono MM, IHF-A) 73 dB (Phono MC, IHF-A)	107 dB (Line, IHF-A) 60 dB (Phono MM, IHF-A) 70 dB (Phono MC, IHF-A)	92 dB (Line, IHF-A) 78 dB (Phono MM, IHF-A)
Speaker Impedance	4 Ω–16 Ω (A or B) 8 Ω–16 Ω (A + B)	4 Ω–16 Ω	4 Ω–16 Ω (A or B) 8 Ω–16 Ω (A + B)	4 Ω–16 Ω
Headphone Output Impedance	—	390 Ω	—	—
Power Supply	AC 230 V~, 50 Hz	AC 220–230 V~, 50/60 Hz	AC 230 V~, 50 Hz	AC 220–240 V~, 50/60 Hz
Power Consumption	300 W	160 W	290 W	155 W
No-Sound Power Consumption	—	35 W	—	25 W
Standby Power Consumption	0.2 W	0.2 W	0.2 W	0.4 W
Dimensions (W x H x D)	435 x 175 x 435 mm	435 x 139 x 331 mm	435 x 174.5 x 431 mm	435 x 129.5 x 332.5 mm
Weight	18.5 kg	9.2 kg	18.1 kg	6.5 kg

9-Channel Amplifiers

SPECIFICATIONS	
	PA-MC5501
Power Output	280 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA)
All Channels	
Dynamic Power	400 W (3 Ω, Front) 300 W (4 Ω, Front) 180 W (8 Ω, Front)
THD (Total Harmonic Distortion)	0.05% (Rated Power)
Input Sensitivity and Impedance	1 V/47 kΩ (Balanced) 2 V/22 kΩ (Unbalanced)
Frequency Response	5 Hz–100 kHz/+1 dB, -3 dB
Signal-to-Noise Ratio	110 dB (Unbalanced, IHF-A)
Speaker Impedance	4 Ω–16 Ω or 6 Ω–16 Ω
Power Supply	AC 220–240 V~, 50/60 Hz
Power Consumption	1.050 W
Dimensions (W x H x D)	435 x 198.5 x 446.5 mm
Weight	22.0 kg

Stereo Amplifiers

SPECIFICATIONS		
	M-5000R	P-3000R
Power Output (2-Ch Stereo)	150 W/Ch (4 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) 80 W/Ch (8 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) 170 W/Ch (4 Ω, 1 kHz, 1%, 2 Channels Driven, IEC) 100 W/Ch (8 Ω, 1 kHz, 1%, 2 Channels Driven, IEC)	—
Power Output (BTL Mono)	220 W/Ch (4 Ω, 20 Hz–20 kHz, 0.05%, 1 Channel Driven, IEC) 180 W/Ch (8 Ω, 20 Hz–20 kHz, 0.05%, 1 Channel Driven, IEC) 250 W/Ch (4 Ω, 1 kHz, 1%, 1 Channel Driven, IEC) 200 W/Ch (8 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	—
Dynamic Power	460 W (1 Ω), 320 W (2 Ω), 245 W (3 Ω), 196 W (4 Ω), 142 W (6 Ω), 110 W (8 Ω)	—
THD + N (Total Harmonic Distortion + Noise)	0.005% (1 kHz, Half Power) 0.02% (20 Hz–20 kHz, Half Power)	0.005% (20 Hz–20 kHz, Half Power)
Input Sensitivity and Impedance	1.4 V/10 kΩ (BTL) 700 mV/10 kΩ (RCA)	200 mV/47 kΩ (Line) 2.7 mV/47 kΩ (Phono MM)
Frequency Response	10 Hz–100 kHz/0 dB, -1 dB (1 W) 1 Hz–250 kHz/-3 dB (1 W/8 Ω)	5 Hz–100 kHz/0 dB, -3 dB (Line)
Signal-to-Noise Ratio	110 dB (RCA, IHF-A)	110 dB (Direct, IHF-A) 80 dB (Phono, MM)
Speaker Impedance	4 Ω–16 Ω 6 Ω–16 Ω (BTL)	—
Power Supply	AC 230 V~, 50 Hz	AC 230 V~, 50 Hz
Power Consumption	280 W	29 W
Dimensions (W x H x D)	435 x 187.5 x 432.5 mm	435 x 99 x 333.1 mm
Weight	23.5 kg	11.0 kg

CD/Network Audio Players

SPECIFICATIONS					
	C-7000R	C-7070	C-7030	NS-6170	NS-6130
Frequency Response	2 Hz–20 kHz	2 Hz–20 kHz	4 Hz–20 kHz	4 Hz–70 kHz (192 kHz/24-bit)	4 Hz–70 kHz (192 kHz/24-bit)
Signal-to-Noise Ratio	116 dB	116 dB	107 dB	115 dB (192 kHz/24-bit, A-Weight, RCA Out)	110 dB (192 kHz/24-bit, A-Weight, RCA Out)
Dynamic Range	100 dB	100 dB	100 dB	114 dB (192 kHz/24-bit, LPF 22 kHz, A-Weight, 1 kHz)	111 dB (192 kHz/24-bit, LPF 22 kHz, A-Weight, 1 kHz)
THD (Total Harmonic Distortion)	0.0015%	0.0025%	0.0029%	0.002% (192 kHz/24-bit, LPF 22 kHz, 1 kHz)	0.002% (192 kHz/24-bit, LPF 22 kHz, 1 kHz)
Audio Output/Impedance	Optical Coaxial Analog	—	—	0.5 V _p -p/75 Ω 0.5 V _p -p/75 Ω 2 V (rms)/470 Ω	— 0.5 V _p -p/75 Ω 2 V (rms)/470 Ω
Power Supply	AC 230 V~, 50 Hz	AC 230 V~, 50 Hz	AC 220–240 V~, 50/60 Hz	AC 220–240 V~, 50 Hz	AC 220–240 V~, 50 Hz
Power Consumption	18 W	23 W	12 W	37 W	22 W
Dimensions (W x H x D)	435 x 99 x 315.2 mm	435 x 101 x 306 mm	435 x 101 x 306 mm	435 x 100 x 317 mm	435 x 100 x 318 mm
Weight	12.0 kg	6.4 kg	5.3 kg	4.5 kg	3.5 kg

BD Players

SPECIFICATIONS	
	BD-SP353
Power Supply	AC 110–240 V~, 50/60 Hz
Power Consumption	13 W
Quick Standby Power Consumption	1 W
Standby Power Consumption	0.3 W
Dimensions (W x H x D)	435 x 58 x 249 mm
Weight	2.0 kg

Stereo Receivers

SPECIFICATIONS			
	TX-8270	TX-8250	TX-8220
Power Output	170 W/Ch (6 Ω, 1 kHz, 10%, 1 Channel Driven, JEITA) 160 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	140 W/Ch (6 Ω, 1 kHz, 10%, 1 Channel Driven, JEITA) 135 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	100 W/Ch (6 Ω, 1 kHz, 10%, 1 Channel Driven, JEITA) 100 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)
Dynamic Power	240 W/Ch (3 Ω) 210 W/Ch (4 Ω) 120 W/Ch (8 Ω)	180 W/Ch (3 Ω) 160 W/Ch (4 Ω) 100 W/Ch (8 Ω)	140 W/Ch (3 Ω) 120 W/Ch (4 Ω) 80 W/Ch (8 Ω)
THD + N (Total Harmonic Distortion + Noise)	0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)
Input Sensitivity and Impedance	Line Phono MM	200 mV/50 kΩ 2.5 mV/50 kΩ	450 mV/40 kΩ 10 mV/50 kΩ
Rated RCA Output Level and Impedance	1.0 V/470 Ω (Subwoofer Pre Out)	150 mV/470 Ω (Pre Out) 470 mV/680 Ω (Subwoofer Pre Out)	420 mV/2.2 kΩ (Line Out) 2.8 mV/3.3 kΩ (Subwoofer Pre Out)
Phono Overload	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)	40 mV (MM, 1 kHz, 0.5%)
Frequency Response	10 Hz–100 kHz/+1 dB, -3 dB (Direct Mode)	10 Hz–100 kHz/+1 dB, -3 dB (Direct/Pure Audio Mode)	10 Hz–100 kHz/+1 dB, -3 dB (Direct Mode)
Tone Control	±10 dB, 90 Hz (Bass) ±10 dB, 7.5 kHz (Treble)	±10 dB, 100 Hz (Bass) ±10 dB, 10 kHz (Treble)	±12 dB, 100 Hz (Bass) ±12 dB, 10 kHz (Treble)
Signal-to-Noise Ratio	106 dB (IHF-A, Line In, Speaker Out) 80 dB (IHF-A, Phono In, Speaker Out)	106 dB (IHF-A, Line In, Speaker Out) 80 dB (IHF-A, Phono In, Speaker Out)	100 dB (IHF-A, Line In, Speaker Out) 93 dB (IHF-A, Phono In, Speaker Out)
Speaker Impedance	4 Ω–16 Ω	4 Ω–16 Ω	4 Ω–16 Ω
Headphone Output Impedance	330 Ω	390 Ω	390 Ω
Headphone Rated Output	80 mW (32 Ω, 1 kHz, 10%)	200 mW (32 Ω, 1 kHz, 10%)	60 mW (32 Ω, 1 kHz, 10%)
Tuning Frequency Range	FM/RDS AM	87.5 MHz–108 MHz —	87.5 MHz–108 MHz 522/530 kHz–1,611/1,710 kHz
Preset Memory	40 Stations (FM/DAB+)	40 Stations (FM/AM/DAB+)	40 Stations (FM/DAB+)
Power Supply	AC 230 V~, 50 Hz	AC 200–230 V~, 50/60 Hz	AC 220–240 V~, 50/60 Hz
Power Consumption	260 W	220 W	160 W
Standby Power Consumption	0.15 W	0.1 W	0.4 W
No-Sound Power Consumption	35 W	65 W	20 W
Network Standby Power Consumption	2.8 W	—	—
Hybrid Standby Power Consumption	—	2.9 W	—
Dimensions (W x H x D)	435 x 149.5 x 329 mm	435 x 149 x 329 mm	435 x 149 x 328 mm
Weight	8.7 kg	8.5 kg	7.0 kg

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